

# 3-Speed Diamond Core Drill DK 22

*Oil-Bath Lubrication  
Safety Clutch*



*Motor Protection and  
Softstart by means of  
Intellitronic*

## Technical Data:

Type		DK 22	DK 22 L	DK 22 S
Nominal Power	W	2400	2400	2400
Output Power	W	1620	1620	1620
Load Speed	1/min	300/640/960	250/520/780	420/880/1300
Length without handle	mm	488	488	488
Weight	kg	11,9	11,9	11,9
Drilling Ø in concrete c.	mm	40 - 250	50 - 300	30 - 180
Tool Fixture DK 22 (LS)		1 1/4" male	1 1/4" male	1 1/4" male
Foot Fastening Standard		4 x M8 / groove 10 x 4,3		

**Diamond  
Core Drills**

# WEKA

**Diamond  
Wall Saws**

WEKA diamond core drills combine an excellent drill power with a high quality standard. Thus they offer a maximum in efficiency. They are designed for permanent and professional operation. The engagement of continual improvement keeps this diamond core drill up to date.

The type DK 22 is an absolutely reliable, solid and robust diamond core drill. Three basis types are available:

- DK 22 - standard type.
- DK 22 L - lower speed, higher torque, suitable for drilling bigger diameters.
- DK 22 S - higher speed, lower torque, suitable for drilling smaller diameters.

In addition to an excellent motor and gearing unit it shows the following features.

**3 - speed gearing unit** - Thus economic speed adjustment to each drill diameter as well as a wide drilling range.

**Oil bath lubrication** - Optimal gear lubrication for high efficiency and durability and less maintenance.

**Safety clutch** - Protects operator as well as machine and tools against mechanical overstrain.

**Intellitronic** - the new electronic system starts the motor by means of a microcontroller soft and thus avoids a too high start current.

When exceeding the overcurrent threshold the electronic is showing this by a pulsating of the motor. If the operator now decreases the feed power, the motor works normal again. If the operator does not decrease the feed power the electronic switches the motor off after some seconds. After this action the motor can be started immediately. It is not required to wait a time period before starting again like on a thermal motor overload switch.

Moreover the Intellitronic is registering the motor temperature and decreases the overload threshold when exceeding the operating temperature.

Thus the Intellitronic avoids reliable overload conditions and increases safety, the operators comfort and the motors life time.

**DC coated drill spindle with protection sleeves** - Maximum protection against corrosion plus high abrasion resistance of the running surface under the rotary shaft seals.

**Metal casing** - Makes the DK 22 - in contrary to plastic cases - mechanically and thermally stable and durable.

**WEKA and Environment** - WEKA electric tools are mainly made of steel and aluminium. Plastics are only used if it is unavoidable.

WEKA electric tools are durable. Scrap-mature machines will be taken to pieces completely and separated materially.

Thereby the machines are 90% recyclable.

**Electrical Safety** - WEKA diamond core drills are in conformity with the European regulations.

According to these directives they are designed with double insulation and supplied with an additional earth wire. They may be used with a GFCI (Ground Fault Current interrupter).

WEKA diamond drills are usually fitted with an Inline Protector between the cord.

**Threefold electrical protection - safety insulation + earth wire + protective switch**

## **WEKA Elektrowerkzeuge**

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